

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A fiber, wherein said fiber consists of a mesoporous molecular sieve, and wherein the mesoporous molecular sieve consists of an organosilane, ~~a surfactant~~ vitamin E TPGS, an acid, an alcohol and water.

2-3. (Canceled).

4. (Previously Presented) The fiber of claim 1, wherein the organosilane is selected from the group consisting of tetramethylorthosilicate, phenyltrimethoxy silane, p-aminophenyltrinethoxy silane, phenyl-trimethylchlorosilane and trimethylchlorosilane.

5. (Previously Presented) The fiber of claim 1, wherein said fiber has a diameter ranging from about 10 nanometers up to about 1,000 nanometers.

6. (Currently Amended) A network of fibers wherein, said network is made up of fibers said fibers consisting of a mesoporous molecular sieve wherein, said fibers are produced by electrospinning, and wherein the mesoporous molecular sieve consists of an organosilane, ~~a surfactant~~ vitamin E TPGS, an acid, an alcohol and water.

7-8. (Canceled).

9. (Previously Presented) The fibers of claim 6, wherein the organosilane is selected from the group consisting of tetramethylorthosilicate, phenyltrimethoxy silane, p-aminophenyltrinethoxy silane, phenyl-trimethylchlorosilane and trimethylchlorosilane.

10-37. (Canceled)